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# Inventor Information for 10/728511

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US 20060047319 A1	US-PGPUB	20060302	System and method for determining optimal atrioventricular delay based on intrinsic conduction delays	607/9		Bruhns; Ken et al.
US 20040044374 A1	US-PGPUB	20040304	System and method for treating abnormal ventricular activation-recovery time	607/25		Weinberg, Lisa P. et al.
US 20030163165 A1	US-PGPUB	20030828	Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	607/5		Bornzin, Gene A. et al.
US 20030158586 A1	US-PGPUB	20030821	Implantable cardiac stimulation device having automatic sensitivity control and method	607/18		Mouchawar, Gabriel A. et al.
US 20030153954 A1	US-PGPUB	20030814	Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park, Euljoon et al.
US 20030088289 A1	US-PGPUB	20030508	Method and apparatus for generating and displaying location-specific diagnostic information using an implantable cardiac stimulation device and an external programmer	607/30		Levine, Paul A. et al.
US 20030078623 A1	US-PGPUB	20030424	Implantable lead and method for stimulating the vagus nerve	607/9		Weinberg, Lisa P. et al.
US 20030069611 A1	US-PGPUB	20030410	Multi-chamber ventricular automatic capture method and apparatus for minimizing true and blanking period induced ventricular undersensing	607/27		Levine, Paul A.
US 20020193834 A1	US-PGPUB	20021219	System and method for automatically selecting electrode polarity during sensing and stimulation	607/9		Levine, Paul A.
US 20020151935 A1	US-PGPUB	20021017	System and method for programmably	607/9		Levine, Paul A.

			controlling stimulation electrode configurations and activation sequence in a multi-site cardiac stimulation device			
US 20020151934 A1	US-PGPUB	20021017	System and method for programmably controlling electrode activation sequence in a multi-site cardiac stimulation device	607/9		Levine, Paul A.
US 20020143367 A1	US-PGPUB	20021003	Method and apparatus for generating and displaying location-specific diagnostic information using an implantable cardiac stimulation device and an external programmer	607/9		Levine, Paul A. et al.
US 20020120303 A1	US-PGPUB	20020829	Implantable cardiac device providing repetitive non-reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using VA interval extension and method	607/14		Levine, Paul A. et al.
US 20020120301 A1	US-PGPUB	20020829	Implantable cardiac device providing repetitive non-reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using secondary pacing pulses and method	607/9		Levine, Paul A. et al.
US 20020091413 A1	US-PGPUB	20020711	Shielded permanent magnet activator for implanted cardiac devices	607/1		Cappa, Armando M. et al.
US 7035687 B1	USPAT	20060425	Implantable cardiac stimulation system providing capture threshold stability assessment and method	607/28		Levine; Paul A. et al.
US 7031773 B1	USPAT	20060418	Implantable cardiac stimulation system providing autocapture	607/28		Levine; Paul A. et al.

			and lead impedance assessment and method			
US 7010346 B1	USPAT	20060307	Implantable medical device having atrial tachyarrhythmia prevention therapy	607/14		Schloss; Harold C. et al.
US 6973350 B1	USPAT	20051206	Diagnosis of atrial fusion, atrial pseudofusion and/or native atrial activity	607/27		Levine; Paul A. et al.
US 6970743 B2	USPAT	20051129	System and method for treating abnormal ventricular activation-recovery time	607/25	607/9	Weinberg; Lisa P. et al.
US 6947794 B1	USPAT	20050920	System and method with improved automatic testing functions for defining capture thresholds	607/28		Levine; Paul A.
US 6934587 B1	USPAT	20050823	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6934583 B2	USPAT	20050823	Implantable lead and method for stimulating the vagus nerve	607/9		Weinberg; Lisa P. et al.
US 6928326 B1	USPAT	20050809	Diagnosis of fusion or pseudofusion	607/122		Levine; Paul A.
US 6925326 B1	USPAT	20050802	Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hysteresis	600/510	607/9	Levine; Paul A. et al.
US 6904320 B2	USPAT	20050607	Sleep apnea therapy device using dynamic overdrive pacing	607/17		Park; Euljoon et al.
US 6889077 B2	USPAT	20050503	Implantable cardiac stimulation device that defibrillates the atria while avoiding the ventricular vulnerable period and method	607/4	607/63	Bornzin; Gene A. et al.
US 6865414 B1	USPAT	20050308	Apparatus and method for automatically sensing	600/510		Levine; Paul A.

			threshold histogram with differentiation of sinus from ectopic beats			
US 6862476 B2	USPAT	20050301	Implantable cardiac stimulation device having automatic sensitivity control and method	607/27	600/518	Mouchawar; Gabriel A. et al.
US 6819955 B2	USPAT	20041116	Multi-chamber ventricular automatic capture method and apparatus for minimizing true and blanking period induced ventricular undersensing	607/28	607/27	Levine; Paul A.
US 6792307 B1	USPAT	20040914	Implantable cardiac stimulation system and method for measuring atrioventricular conduction and adjusting atrioventricular hysteresis	607/9	600/509	Levine; Paul A. et al.
US 6788971 B1	USPAT	20040907	System and method for optimizing far-field r-wave sensing by switching electrode polarity during atrial capture verification	607/28		Sloman; Laurence S. et al.
US 6766197 B1	USPAT	20040720	System and method with improved automatic testing functions for automatic capture verification	607/27		Levine; Paul A.
US 6748274 B2	USPAT	20040608	Method and apparatus for generating and displaying location-specific diagnostic information using an implantable cardiac stimulation device and an external programmer	607/32	600/523	Levine; Paul A. et al.
US 6721601 B1	USPAT	20040413	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6694184 B2	USPAT	20040217	Shielded permanent magnet activator for	607/2	128/899; 206/818;	Cappa; Armando

			implanted cardiac devices		607/31	M. et al.
US 6687544 B1	USPAT	20040203	System and method for determining safety alert conditions for implantable medical devices	607/27		Levine; Paul A. et al.
US 6633776 B2	USPAT	20031014	Method and apparatus for generating and displaying location-specific diagnostic information using an implantable cardiac stimulation device and an external programmer	600/523	607/30; 607/59	Levine; Paul A. et al.
US 6618622 B1	USPAT	20030909	Method and apparatus of determining atrial capture threshold while avoiding pacemaker mediated tachycardia	607/28	607/14	Mann; Brian M. et al.
US 6606516 B2	USPAT	20030812	System and method for programmably controlling stimulation electrode configurations and activation sequence in a multi-site cardiac stimulation device	607/9		Levine; Paul A.
US 6594523 B1	USPAT	20030715	Implantable stimulation device, programmer, and method for automatically evaluating interaction of the device with a patient's heart	607/30	607/32; 607/9	Levine; Paul A.
US 6584354 B1	USPAT	20030624	Implantable stimulation device and method for determining atrial autocapture using PVC response	607/28		Mann; Brian M. et al.
US 6546288 B1	USPAT	20030408	Implantable cardiac stimulation system with high threshold response and patient notification method	607/28		Levine; Paul A.
US 6498949 B2	USPAT	20021224	Implantable cardiac device providing repetitive non-reentrant ventriculo-atrial	607/14	607/9	Levine; Paul A. et al.

			synchronous (RNRVAS) rhythm therapy using VA interval extension and method			
US 6493583 B1	USPAT	20021210	Implantable cardiac stimulation device and method for treating intrinsic ventricular rhythms associated with loss of atrial transport	607/9		Levine; Paul A. et al.
US 6477419 B2	USPAT	20021105	Implantable cardiac device providing repetitive non-reentrant ventriculo-atrial synchronous (RNRVAS) rhythm therapy using secondary pacing pulses and method	607/14	607/9	Levine; Paul A. et al.
US 6477417 B1	USPAT	20021105	System and method for automatically selecting electrode polarity during sensing and stimulation	607/9		Levine; Paul A.
US 6473645 B1	USPAT	20021029	System and method for programmably controlling electrode activation sequence in a multi-site cardiac stimulation device	607/9		Levine; Paul A.
US 6434428 B1	USPAT	20020813	System and method for optimizing far-field R-wave sensing by switching electrode polarity during atrial capture verification	607/28		Sloman; Laurence S. et al.
US 6430441 B1	USPAT	20020806	Implantable cardiac stimulation device having autocapture/autothreshold capability	607/28		Levine; Paul A.
US 6408210 B1	USPAT	20020618	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6389316 B1	USPAT	20020514	System and method for automatic atrial capture detection and atrial	607/28	607/11	Bornzin; Gene A. et al.



			pacing threshold determination			
US 6366812 B1	USPAT	20020402	Implantable cardiac stimulation device and method for self-regulating sampling of measured parameters	607/27		Levine; Paul A. et al.
US 6327501 B1	USPAT	20011204	System and method for determining safety alert conditions for implantable medical devices	607/27		Levine; Paul A. et al.
US 6311089 B1	USPAT	20011030	Implantable stimulation device and method for determining ventricular and atrial sensitivity thresholds	607/30	607/9	Mann; Brian M. et al.
US 6295471 B1	USPAT	20010925	System and method for automatic atrial capture detection and atrial pacing threshold determination	607/28		Bornzin; Gene A. et al.
US 6292694 B1	USPAT	20010918	Implantable medical device having atrial tachyarrhythmia prevention therapy	607/9		Schloss; Harold C. et al.
US 6285908 B1	USPAT	20010904	Implantable stimulation device and method for determining atrial autocapture using programmable AV delay	607/28	607/14	Mann; Brian M. et al.
US 6263244 B1	USPAT	20010717	Implantable stimulation device and method for determining atrial autocapture using PVC response	607/28	607/14	Mann; Brian M. et al.
US 6259950 B1	USPAT	20010710	Implantable stimulation device and method for determining a trial autocapture using backup atrial stimulation	607/28	607/14	Mann; Brian M. et al.
US 6259948 B1	USPAT	20010710	Medical device	607/9	607/17	Florio; Joseph J. et al.
US 6257558 B1	USPAT	20010710	Reel for dispensing and collecting electrified wire	256/10	191/12.2R; 242/380;	Levine; Paul A. et

					256/32; 256/40	al.
US 6243606 B1	USPAT	20010605	Implantable stimulation device and method for determining atrial autocapture using programmable PVARP	607/14	607/28	Mann; Brian M. et al.
US 6129746 A	USPAT	20001010	Implantable cardiac stimulation device with dynamic self-regulation of the frequency of automatic test functions and the recordation thereof	607/27		Levine; Paul A. et al.
US 6122546 A	USPAT	20000919	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 6081747 A	USPAT	20000627	Dual-chamber implantable pacemaker having negative AV/PV hysteresis and ectopic discrimination	607/9		Levine; Paul A. et al.
US 6058328 A	USPAT	20000502	Implantable stimulation device having means for operating in a preemptive pacing mode to prevent tachyarrhythmias and method thereof	607/14		Levine; Paul A. et al.
US 5968081 A	USPAT	19991019	System and method for providing improved fallback response in a dual-chamber cardiac pacemaker	607/9		Levine; Paul A.
US 5891178 A	USPAT	19990406	Programmer system and associated methods for rapidly evaluating and programming an implanted cardiac device	607/27	607/30; 607/32	Mann; Brian M. et al.
US 5873895 A	USPAT	19990223	Pacemaker and method of operating same that provides functional atrial cardiac pacing with ventricular support	607/9		Sholder; Jason A. et al.
US 5814077 A	USPAT	19980929	Pacemaker and method	607/9		Sholder;

			of operating same that provides functional atrial cardiac pacing with ventricular support			Jason A. et al.
US 5776167 A	USPAT	19980707	System and method for alleviating the effects of pacemaker crosstalk	607/9	607/17	Levine; Paul A. et al.
US 5549649 A	USPAT	19960827	Programmable pacemaker including an atrial rate filter for deriving a filtered atrial rate used for switching pacing modes	607/15		Florio; Joseph J. et al.
US 5509927 A	USPAT	19960423	Programming system having means for recording and analyzing a patient's cardiac signal	607/32		Epstein; Andrew E. et al.
US 5421830 A	USPAT	19950606	Programming system having means for recording and analyzing a patient's cardiac signal	607/30		Epstein; Andrew E. et al.
US 5417714 A	USPAT	19950523	DDI pacing with PVC-protected hysteresis and automatic AV interval adjustment	607/9		Levine; Paul A. et al.
US 5350401 A	USPAT	19940927	Implantable cardioverter/defibrillator device having means for determining and treating low amplitude ventricular fibrillation and method thereof	607/4	607/14	Levine; Paul A.
US 5328442 A	USPAT	19940712	System and method for stimulating a heart having undergone cardiac myoplasty using a single-chamber pacemaker	600/17		Levine; Paul A.
US 4946005 A	USPAT	19900807	Apparatus and method for charging a lubricant into a marine engine outdrive	184/28	184/1.5; 184/105.1; 184/105.3	Levine; Paul A.